

ABSTRACT

A projection zoom lens comprises a first lens group having a negative refracting power and including a single meniscus lens having an aspherical surface facing an object surface, a second lens group having positive refracting power and including a single second-group lens, a third lens group having negative refracting power and including a compound lens, a fourth lens group including a single fourth-group lens, and a fifth lens group having positive refracting power and including a single fifth-group lens. The fifth lens group is kept stationary, and the first, the second, the third and the fourth lens group are shifted on the optical axis toward the screen to increase the magnification of the projection zoom lens.